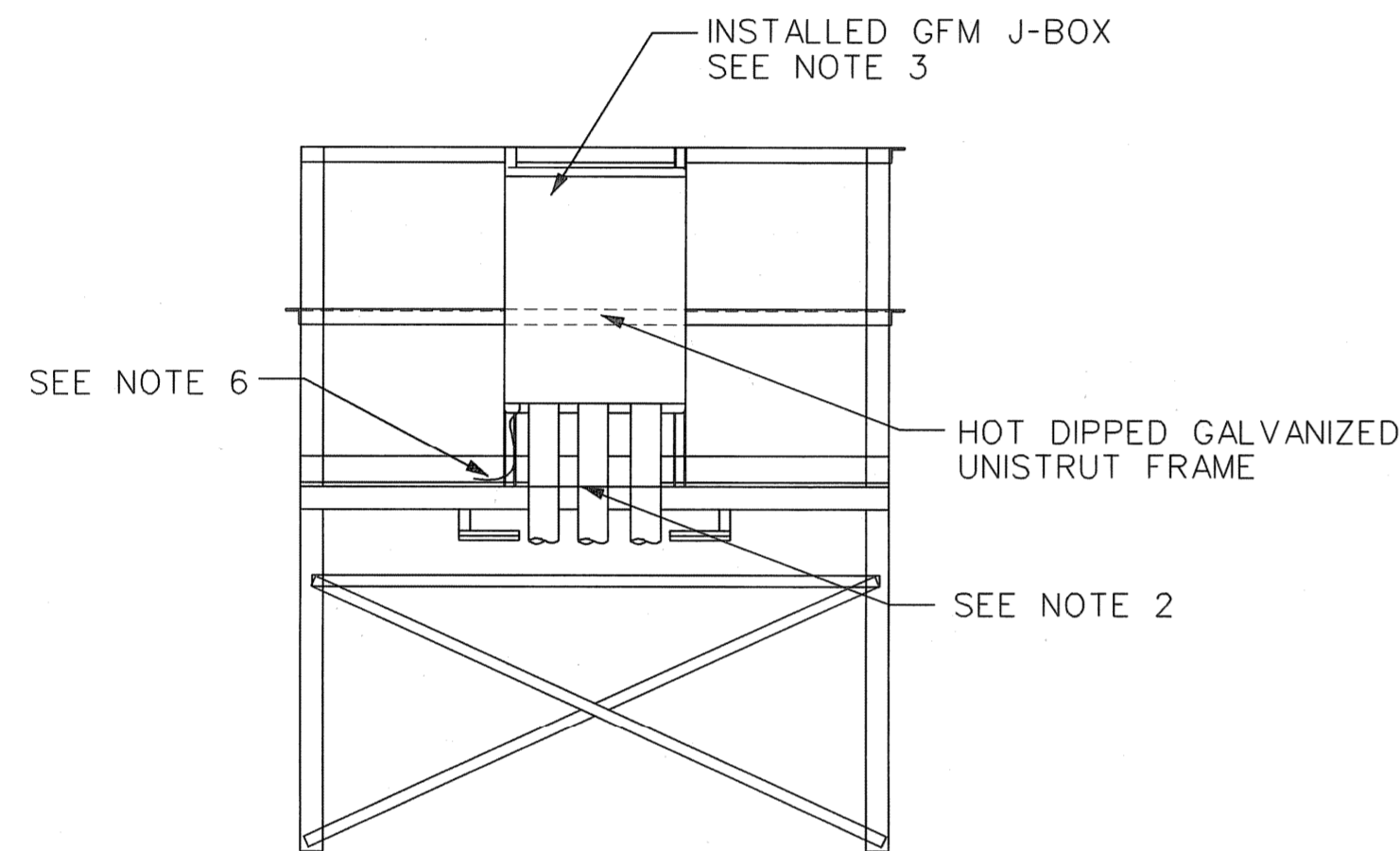
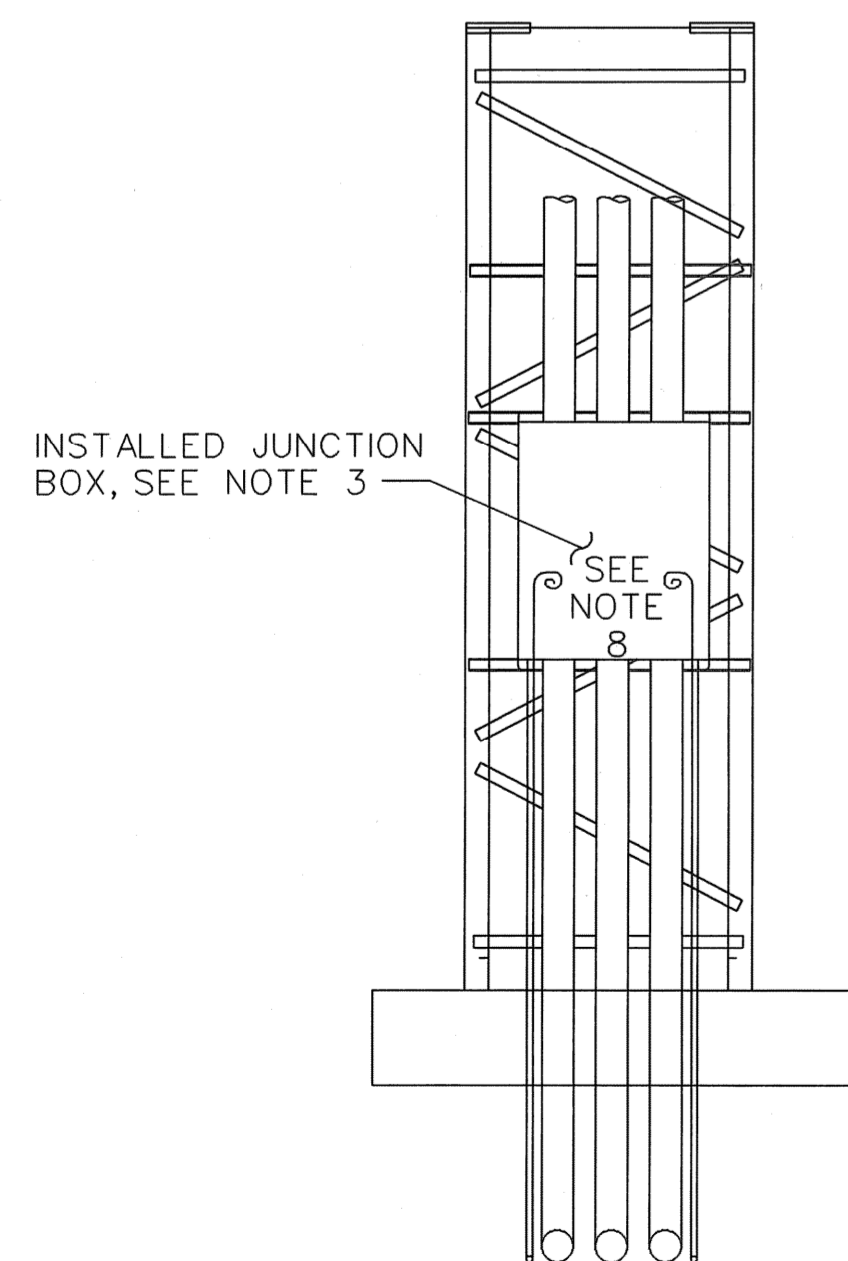


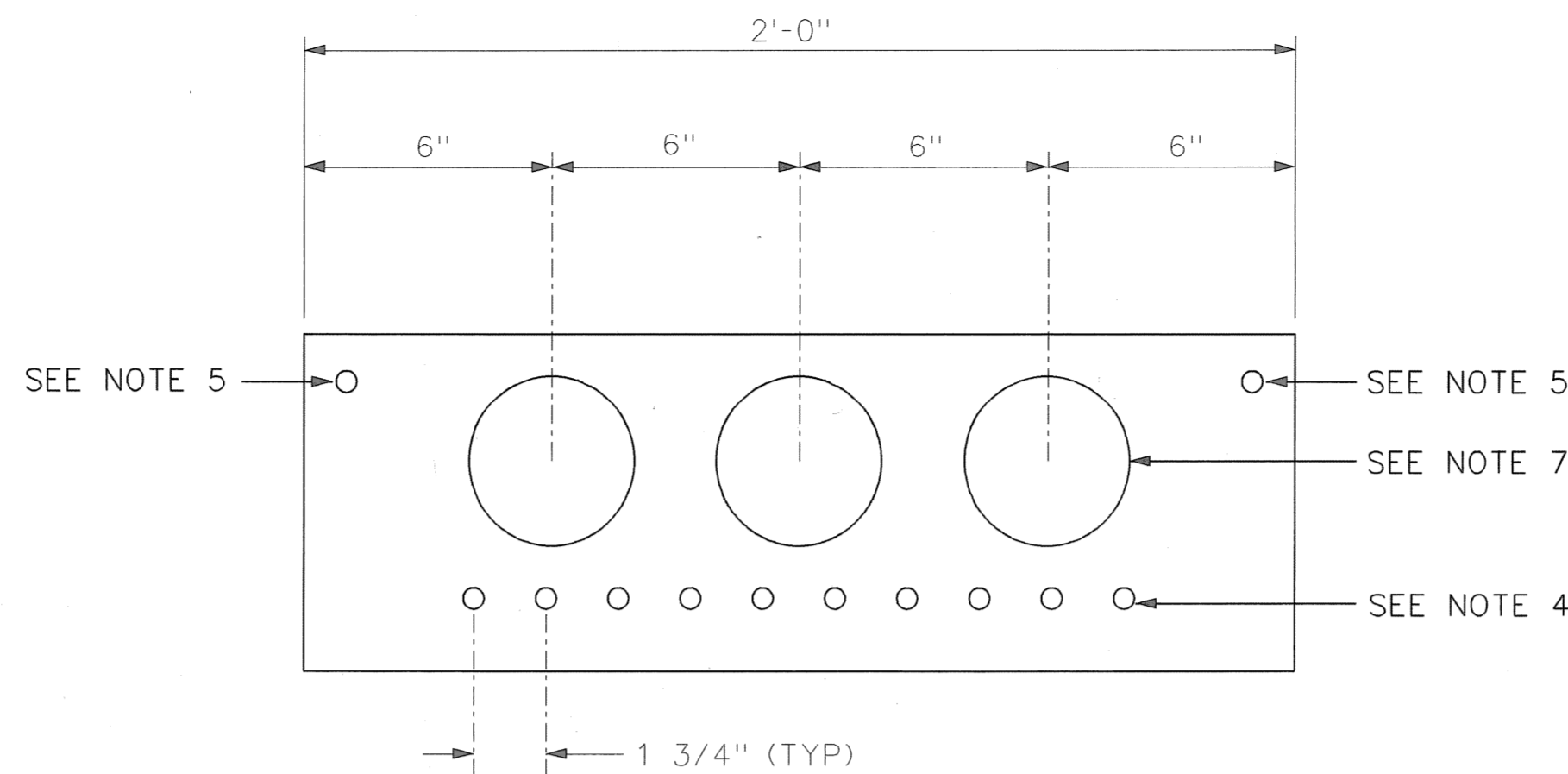
1 CONDUIT LAYOUT IN SLAB
E001 NOT TO SCALE



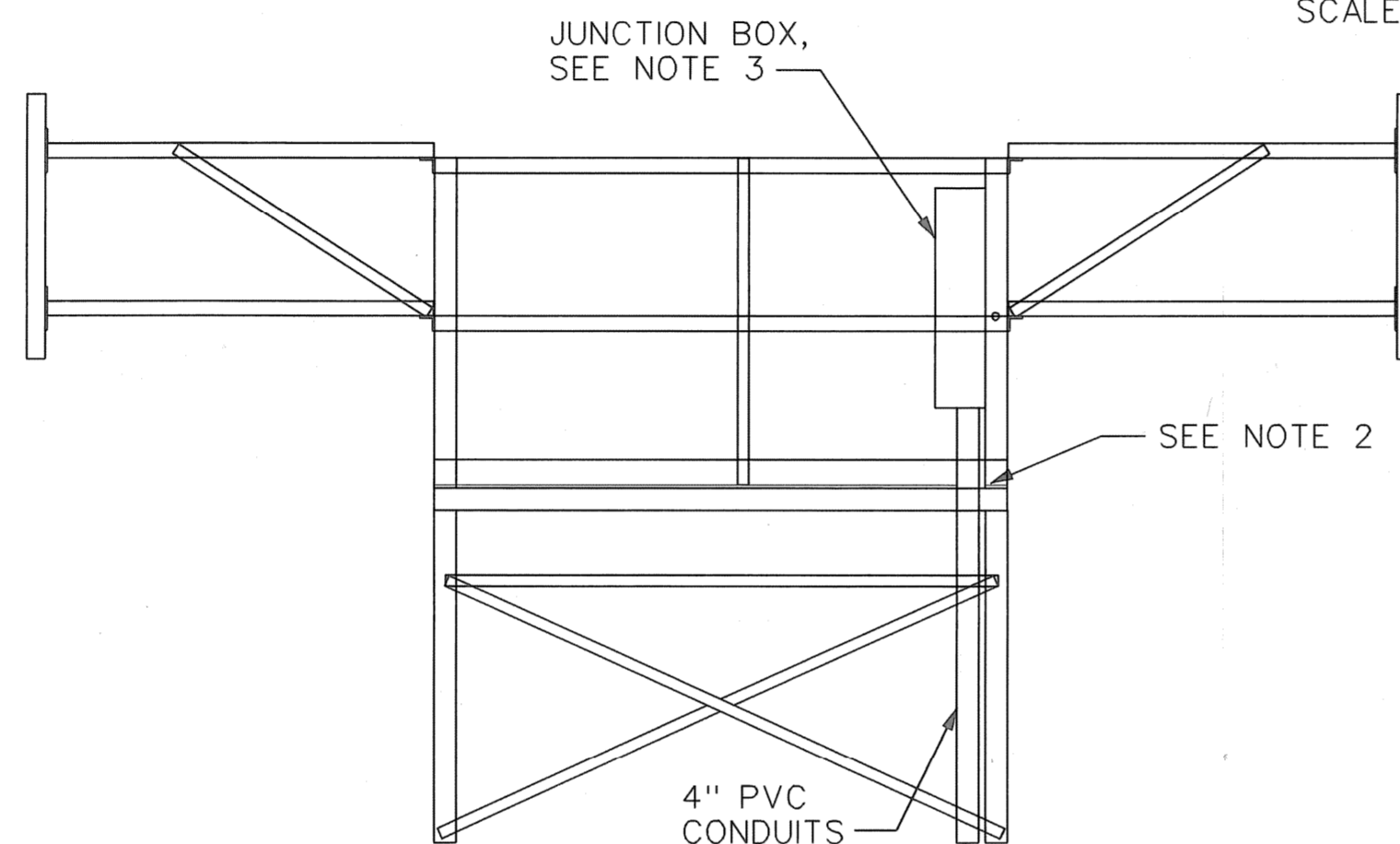
2 JUNCTION BOX ELEVATION
E001 NOT TO SCALE



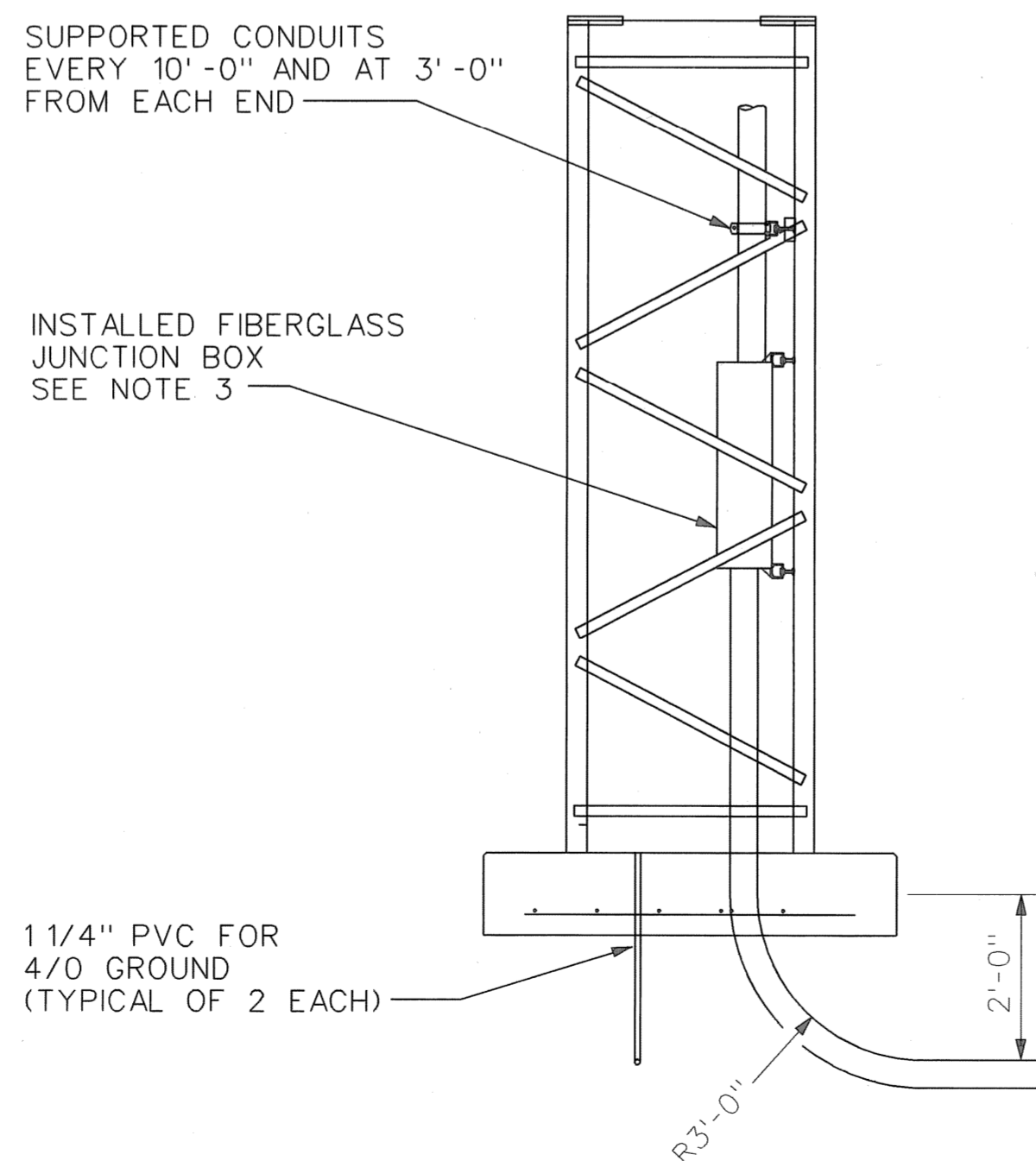
3 TOWER CONDUIT ELEVATION
E001 NOT TO SCALE



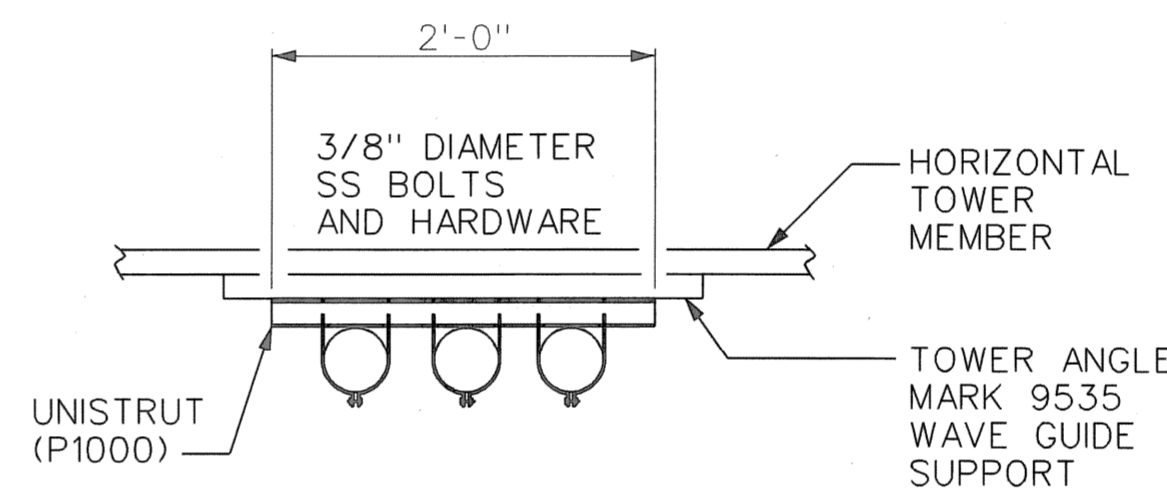
6 JUNCTION BOX HOLE LAYOUT
E001 SCALE: 3\"/>



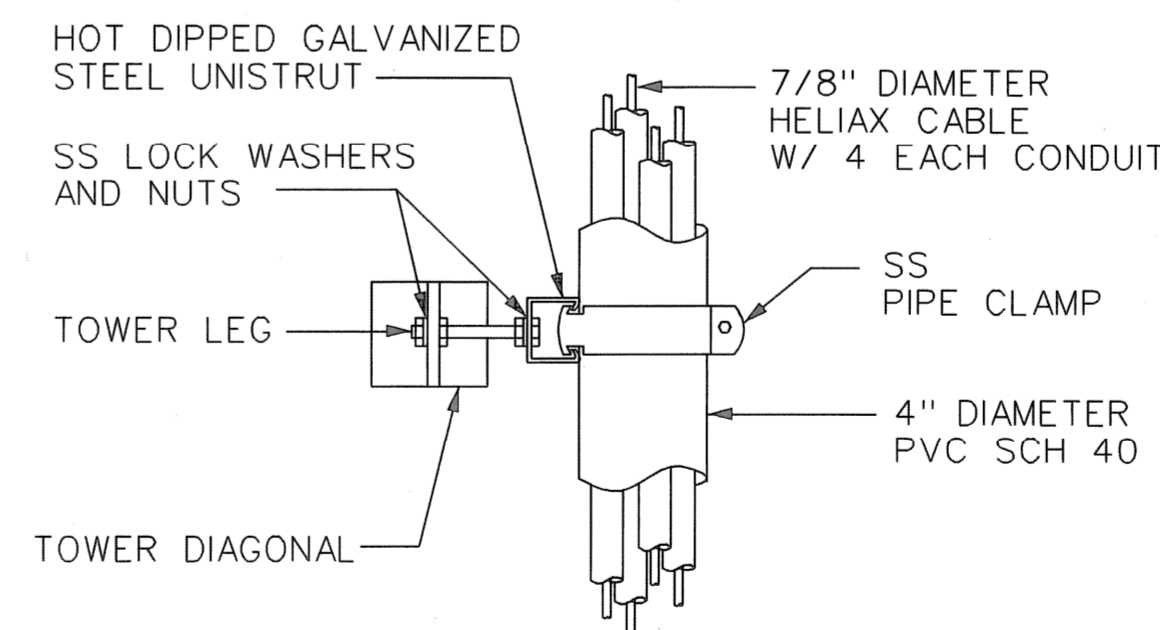
4 JUNCTION BOX SECTION
E001 NOT TO SCALE



5 TOWER CONDUIT SECTION
E001 NOT TO SCALE



7 CONDUIT SUPPORT PLAN
E001 SCALE: 1\"/>



8 CONDUIT SUPPORT SECTION
E001 NOT TO SCALE

NOTES

1. THE 7/8" HELIAX CABLE MUST NOT BE BENT CLOSER THAN A 12" RADIUS.
2. CUT SECTION OF EXPANDED METAL GRATING AS REQUIRED TO ROUTE CONDUITS UP TO JUNCTION BOX. ALL CUT EDGES MUST BE COLD GALVANIZED. FRAME CUT OPENING WITH 2"x 2"x 1/4" ANGLE IRON, GALV.
3. CONTRACTOR SHALL INSTALL A 36"x 30"x 10" JUNCTION BOX (GFM) ON TOP OF EACH TOWER AND 30"x 24"x 10" JUNCTION BOX ON BOTTOM OF EACH TOWER (GFM) (FIBER-GLASS, NEMA 4X, ATTACH TO TOWER USING A STAINLESS STEEL UNISTRUT (P1000) FRAME AND STAINLESS STEEL BOLTS. VERIFIED BOX LOCATION WITH FAA RESIDENT ENGINEER.
4. CONTRACTOR SHALL INSTALL 12 EACH 1/2" DIA WATER TIGHT STRAIN RELIEF CONNECTORS (GFM) (T&B 2673) FOR CABLE INSTALLED BY OTHERS. IN THE BOTTOM OF THE JUNCTION BOX.
5. CONTRACTOR SHALL INSTALL 2 EACH 1/2" DIA STRAIN RELIEF CONNECTOR (GFM) FOR THE THOMPSON 29X FROM THE TOWER LOOP.
6. ALL CUT EDGES, CORNERS DRILLED HOLES AND OTHER ABRASIONED AREAS COLD GALVANIZED.
7. CONTRACTOR MUST FURNISH AND INSTALL 1 5/8"x 1 5/8" STAINLESS STEEL UNISTRUT 24" IN LENGTH TO THE ANTENNA TOWER AT THE PREFABRICATED ANTENNA TOWER HORIZONTAL ANGLES MARK 9535. THE 3 EACH 4"Ø CONDUITS ARE THEN FASTENED TO THE UNISTRUT WITH STAINLESS STEEL PIPE CLAMPS. ALL MOUNTING HARDWARE SHALL BE STAINLESS STEEL. INSTALL CABLE IN TWO OF THE CONDUITS AND A PULL STRING IN THE THIRD. THE CABLE SHALL BE 4 EACH 7/8" HELIAX ANDREW LDF5 CABLES FOR A TOTAL OF 8 PER TOWER.
8. CONTRACTOR SHALL INSTALL 2- #4/Ø GROUND WIRE THROUGH 1 1/4" Ø PVC INTO EACH OF THE BOTTOM JUNCTION BOXES FOR GROUNDING BY OTHERS. THREE FEET OF WIRE COILED IN EACH BOX FOR USE BY OTHERS.
9. CONTRACTOR SHALL INSTALL 4 EACH 7/8" HELIAX CABLES IN TWO CONDUITS AND A PULL STRING IN THE THIRD CONDUIT.

REV	APPROVED DATE	DESCRIPTION	JCN	REDLINE DATE	APVD
<p align="center">DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION</p> <p align="center">ATO - TECHNICAL OPERATIONS EASTERN SERVICE AREA</p> <p align="center">RCAG</p> <p align="center">TOWER REPLACEMENT TOWER CABLE SECTIONS AND DETAILS</p>					
<p align="center">GREENVILLE MID DELTA RGNL AIRPORT MS</p>					
DESIGNED	SV	ISSUED BY	DATE	JCN	REV
DRAWN	AT	ENGINEERING SERVICES COMMUNICATIONS	11/15/2010	802460	
CHECKED					
<p align="center">GLH-D-802460-E001</p>					